

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1.-53. (Cancelled).

54. (New) A flexible PTC heating element comprising:

a flexible fibrous material having a surface;

first and second conductive materials disposed on at least a part of the surface of the fibrous material in a pattern in which the first and second conductive materials at least partially overlap each other, wherein one of the first and second conductive materials has a PTC property, and at least one of the first and second conductive materials contains a flexible binder which enables the at least one conductive material to flex with the fibrous material; and

a control material provided on at least a part of the surface of the fibrous material to control impregnation of the first and second conductive materials into the fibrous material;

wherein the first and second conductive materials are configured to receive electric current to heat the conductive material which has the PTC property.

55. (New) A flexible PTC heating element according to claim 54, wherein the control material forms a control layer on the surface of the fibrous material, and the first and second conductive materials are printed on the control layer.

56. (New) A flexible PTC heating element according to claim 54, wherein the control material comprises one or more materials selected from the group consisting of urethane thermoplastic elastomer, olefin thermoplastic elastomer and styrene thermoplastic elastomer.

57 (New) A flexible PTC heating element according to claim 54, wherein the control material further comprises an adhesive resin and an elastomer material.

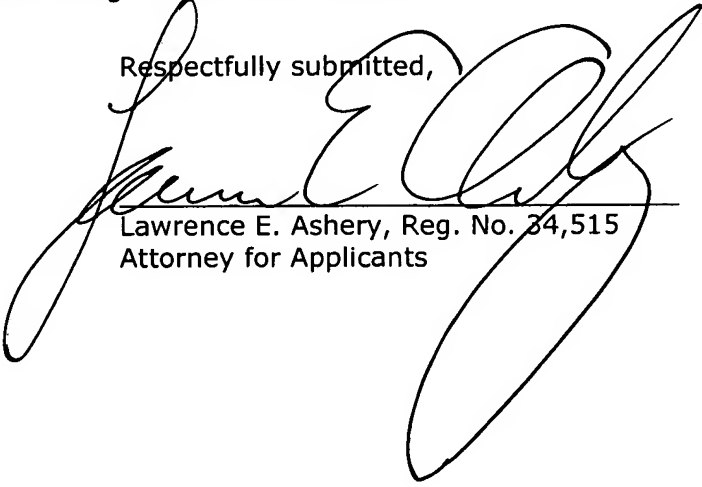
58. (New) A flexible PTC heating element according to claim 54, wherein the fibrous material is non-woven fabric.

59. (New) A flexible PTC heating element according to claim 54, wherein the flexible binder comprises an elastomer material.

60. (New) A flexible PTC heating element according to claim 54, both first and second conductive materials comprise the flexible binder.

61. (New) A flexible PTC heating element according to claim 54, further comprising at least one hole formed through the fibrous material.

Respectfully submitted,


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